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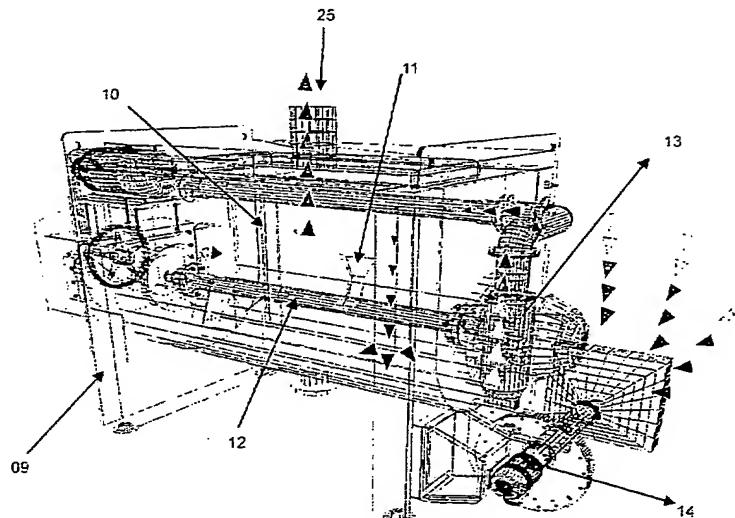
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(54) Title: PROCESS FOR MANUFACTURING CHOCOLATE MASS. MACHINE AND COMPACT INSTALLATION FOR THE CHOCOLATE MASS PROCESSING



(57) **Abstract:** The invention is related to a process for chocolate mass manufacturing, that comprises the following steps: a) dry pre-grinding of raw material; b) product conching in "U" type conch 9 for intensive chocolate processing, c) liquefaction and cooling of chocolate mass; d) final grinding of chocolate mass. The invention is still related to the chocolate mass processing machine, which is comprised by a structure made up of a "U" type shape conch 9, an agitator axis 12, in which a fixed arm 10 and agitator arms 11 are articulated, to increase the exposition cycle of dry chocolate mass to pre-heated air coming from the forced ventilation performed through the high pressure fan 14, activated by an electric motor with a heating electric resistance 13 to a compact installation for the processing of the chocolate mass with the above mentioned machine.

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